

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------|------------------|---------|------------------|
| S68 | 2 | S67 and S60 | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:23 |
| S67 | 8986 | (piston or plunger) and (pin or electrode) and (pressure or gas) | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:23 |
| S66 | 1 | S65 and S60 | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:23 |
| S65 | 862 | (piston or plunger) and (pin or electrode) and (pressure or gas) and (switch or sensor) | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:23 |
| S63 | 37 | (piston or plunger) and (pin or electrode) and (propellant or explosi\$4) and (pressure or gas) and (switch or sensor) | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:23 |
| S64 | 0 | S63 and S60 | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:22 |
| S62 | 15 | (piston or plunger) same (pin or electrode) same (propellant or explosi\$4) same (pressure or gas) same (switch or sensor) | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:21 |
| S21 | 66 | (piston or plunger) same (pin or electrode) same (propellant or explosi\$4) same (pressure or gas) same (switch or sensor) | US-PGPUB; USPAT | OR | ON | 2006/08/07 10:21 |
| S61 | 6 | S60 and shear\$5 | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:18 |
| S60 | 403 | F42C015/40.ipc. | EPO; JPO; DERWENT | OR | ON | 2006/08/07 10:18 |
| S57 | 1 | ("4527025").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 10:18 |
| S59 | 4 | ("3118994" "3155800").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/07 09:22 |
| S58 | 3 | ("4527025").URPN. | USPAT | OR | ON | 2006/08/07 09:21 |
| S56 | 17 | ("2712575" "2721240" "2721913" "2929892" "2931874" "3248504" "3659527" "3698323" "3793501" "3803374" "3991649").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/07 09:20 |
| S55 | 27 | ("4150266").URPN. | USPAT | OR | ON | 2006/08/07 09:12 |
| S54 | 1 | ("4150266").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 09:12 |
| S53 | 12 | ("2931874").URPN. | USPAT | OR | ON | 2006/08/07 09:12 |
| S52 | 1 | ("2931874").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 09:07 |

EAST Search History

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|-----|--------|---|------------------------------|----|-----|------------------|
| S51 | 9 | S50 not S48 | US-PGPUB; USPAT | OR | ON | 2006/08/07 09:07 |
| S50 | 9 | S46 and S49 | US-PGPUB; USPAT | OR | ON | 2006/08/07 08:55 |
| S48 | 4 | S46 and S47 | US-PGPUB; USPAT | OR | ON | 2006/08/07 08:55 |
| S49 | 159 | (102/262).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 08:54 |
| S47 | 77 | (102/263).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 08:54 |
| S46 | 235276 | shear\$4 | US-PGPUB; USPAT | OR | ON | 2006/08/07 08:52 |
| S8 | 77 | (102/263).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 08:51 |
| S45 | 5 | ((("2485817") or ("2486362") or ("2498040") or ("2948219") or ("3039363")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 08:41 |
| S44 | 4 | ("3167018").URPN. | USPAT | OR | ON | 2006/08/07 08:40 |
| S43 | 1 | ("3167018").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/07 08:38 |
| S1 | 12 | ("2458478" "2674946" "2721913" "2873681" "3167018" "3248504" "3275770" "3500279" "3698323" "4150266" "4527025" "5262753").PN. | US-PGPUB; USPAT | OR | ON | 2006/08/07 08:38 |
| S42 | 12 | ("2721913").URPN. | USPAT | OR | ON | 2006/08/05 17:11 |
| S41 | 1 | ("2721913").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/05 17:11 |
| S39 | 1 | S35 and S38 | US-PGPUB; USPAT | OR | ON | 2006/08/05 16:14 |
| S38 | 217 | (piston or plunger) same (pin or electrode) same (propellant or explosi\$4) same (pressure or gas) same (switch or sensor) same(lock\$4 or retain\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:14 |
| S35 | 122 | (102/263).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/05 16:14 |
| S37 | 1 | S31 and S35 | US-PGPUB; USPAT | OR | ON | 2006/08/05 16:13 |
| S31 | 185 | (piston or plunger) same (pin or electrode) same (propellant or explosi\$4) same (pressure or gas) same (switch or sensor) same(lock\$4 or shear\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:13 |

EAST Search History

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|-----|-------|--|------------------------------|----|-----|------------------|
| S22 | 631 | (102/262,263,222,223).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/05 16:12 |
| S33 | 47 | S32 not S24 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:05 |
| S32 | 53 | S25 and S31 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:04 |
| S25 | 34694 | "102"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:04 |
| S23 | 495 | (piston or plunger) same (pin or electrode) same (propellant or explosi\$4) same (pressure or gas) same (switch or sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:02 |
| S29 | 77 | S26 not S24 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 16:00 |
| S26 | 87 | S23 and S25 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 15:59 |
| S24 | 10 | S22 and S23 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/05 15:59 |
| S7 | 159 | (102/262).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/05 15:46 |
| S16 | 2 | S11 and S10 | US-PGPUB; USPAT | OR | ON | 2006/08/05 15:25 |
| S15 | 2 | S11 and S9 | US-PGPUB; USPAT | OR | ON | 2006/08/05 15:23 |
| S14 | 8 | S11 and S7 | US-PGPUB; USPAT | OR | ON | 2006/08/05 15:19 |
| S20 | 13 | S18 and S19 | USOCR | OR | ON | 2006/08/05 15:14 |
| S19 | 18272 | \$4pressure near4 switch | USOCR | OR | ON | 2006/08/05 15:14 |
| S18 | 45 | (102/263).CCLS. | USOCR | OR | OFF | 2006/08/05 15:14 |
| S11 | 41012 | \$4pressure near4 switch | US-PGPUB; USPAT | OR | ON | 2006/08/05 15:14 |
| S13 | 11 | S11 and S8 | US-PGPUB; USPAT | OR | ON | 2006/08/05 15:12 |
| S10 | 98 | (102/223).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/05 14:49 |
| S9 | 95 | (102/222).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/08/05 14:49 |

EAST Search History

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|----|---|---------------------|--------------------|----|-----|------------------|
| S6 | 1 | ("20050188877").PN. | US-PGPUB; USPAT | OR | OFF | 2006/08/05 14:44 |
| S5 | 6 | "2211116" | EPO; DERWENT | OR | ON | 2006/08/05 12:02 |
| S3 | 9 | "2070544" | EPO; DERWENT | OR | ON | 2006/08/05 11:59 |

INTERFERENCE SEARCH HISTORY PRINTOUT

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L31 | 31 | ((piston or plunger) and (pin or electrode) and (propellant or explo\$6) and (pressure or gas)). clm. | US-PGPUB | OR | ON | 2006/08/07 10:25 |
| L30 | 29 | ((piston or plunger) and (pin or electrode) and (propellant or explosi\$4) and (pressure or gas)). clm. | US-PGPUB | OR | ON | 2006/08/07 10:25 |
| L29 | 8 | ((piston or plunger) and (pin or electrode) and (propellant or explosi\$4) and (pressure or gas) and (switch or sensor)).clm. | US-PGPUB | OR | ON | 2006/08/07 10:25 |